Original / Duplicate / Triplicate

Final

CONTRACT CERTIFICATE

QM/F 33(B)

Bill No 1st and ~~PART~~ (For Other Works) Date.....

DASARAHALLI DIVISION T. DASARAHALLI DIVISION

Bill Received No Dated---------- Cash Book Voucher No dated----------

Scheduled Docket No Head of Account : P-3295 14TH FINANCE

Est cost: Rs 30.00 Lakhs

Name of work (as per sanctioned estimate) **Job Code No:- 013-20-000122**

Providing and Supplying drinking water in ward no -13 Mallasandra ,Shettihalli Sub division

Name of Contractor:- M/S Shree Priya Entrprises (Prop, Hemanth Kumar S)

Reference to Work Order No:EE/DD/WO/165/2020-21 **Date-01-02-2021**

Certified that the measurements were taken by me on 31/05/2021 ....and recorded in Pages 346128 to 346135 of measurement Book No 3468/18-19 and that the work is satisfactorily executed.

Hemanthkumar S
Contractor.

Officer in charge of work.

Certified that the measurements were taken by me on 31.5.2021 .....and found correct.

The work is satisfactory executed. Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate usage on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office

Sub Division Officer

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If Memorandum of payment

1) Total value of work done or supplies made as per account within 1st and Final Bill Amount 1960848=00
2) Deduct amount to be held in reserve being------ percent Rs.....
3) -do- & Balance IT - 39217=00
4) Deduct payments :
a) Amount of previous payment as in the office cash book voucher No----------Dated----------S.D.No---------- EC - 19608=00
b) Payments cost store or other materials supplied. CC - 196=00
Now made recovery of amount creditable to this / other work Royalty - 9447=00 = 105849=00
Amount paid on this bill cheque / cash Fine - 600=00
5) Balance being unpaid value of work done held in reserve CGST - 17508=00
6) Deduct cash advance made on the office cash Book Voucher No dated ---------- less adjustments SGST - 17508=00
7) Net amount due to or from contractor Net - 1854999=00
Unadjusted items
8) Advance to contractor for materials brought to site (as detailed) within
value of Government materials supplied

EXECUTIVE ENGINEER Bruhat Bengaluru Mahanagara Palike Dasarahalli Division Bengaluru-73

Hemanthkumar S
Contractor's Signature.

Received Rs. (in words)
by cash and by adjustment of payment as per memorandum.

(For office use)

Audited and admitted for Rs. 1960848=00
Passed by Cheque for Rs. 1854999=00

Witnesses : 1.
2

Hemanthkumar S
signature of contractor

Eighteen Lakhs Fifty Four thousand nine Hundred ninty nine only 105849=00

Stamp

Dated

Paid by me by cheque No Dated

Cash Rs Dated

Executive Engineer.

Initials of officer making payment

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BRUHATH BENGALURE MAHANAGARA PALIKE
ABSTRACT

Name of work;Providing and Supplying drinking water in ward no -13 Mallasandra ,Shettihalli Sub division

Sl No	description of work	Unit	Previos measurement		Present measurement			Up to date measurement		Remarks
			Qtty	Amount	Qtty	Rate	Amount	Qtty	Amount	
1	Geophysical survey geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the hand pumps, MWS or PWSS by vertical electrical sounding by adopting venner or schlumbergers's method including recconnaisance suevey of geological formation Geophysical investigation of existing ground Water in the vicinity. its quality , quality & acceptabality of the users indicating the location of the site recommendeddepth of casing pipe required to seal the tope unconsolidated formation including an extra depth 1.0 metre in consolidated formation for aquire proposed to be tapped propable yield and other information required including transportation of instrument and accessories to work site, engating technical personal and labour etc.	Each	0.00	0.00	2.00	4029.30	8059.00	2.00	8059.00	
2	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.	RMtr	0.00	0.00	100.00	371.06	37106.00	100.00	37106.00	
3	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.	RMtr	0.00	0.00	100.00	472.65	47265.00	100.00	47265.00	

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4	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.	RMtr	0.00	0.00	100.00	487.62	48762.00	100.00	48762.00	
5	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.	RMtr	0.00	0.00	100.00	573.17	57317.00	100.00	57317.00	
6	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.	RMtr	0.00	0.00	100.00	677.97	67797.00	100.00	67797.00	
7	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.	RMtr	0.00	0.00	100.00	748.54	74854.00	100.00	74854.00	
8	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.	RMtr	0.00	0.00	100.00	882.21	88221.00	100.00	88221.00	

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9	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.	RMtr	0.00	0.00	35.00	962.41	33684.00	35.00	33684.00	
10	Supply of ISI Mark 175mm Nominal bore ,plain end steel Casing pipe- grade of steel Fee 410 of wall thickness 5.4 mm thick confirming to IS 1387/1933 and manufactured by basic open hearth electric or basic oxygen process in random lenth of 5 to 7mtrs. Both ends threaded Confirming to IS 554/1985, One end fixed with a Socket Confirming to IS 4270:2001 and the other end with Screwed pipes . All pipes shall be reasonably free from defectes. The tube shall be reasonably straight should be with ISI marking, weighing 25.10kg/mtr.	Each	0.00	0.00	100.00	1416.88	141688.00	100.00	141688.00	
11	Providing and Fixing 250mm dia PVC pipe and as per Specification and Direction	Each	0.00	0.00	12.00	1142.02	13704.00	12.00	13704.00	
12	Providing 175 mm dia MS Casing Cap	Each	0.00	0.00	2.00	106.93	214.00	2.00	214.00	
13	Supply and delivery at site brand new submersible pumpset suitable for borewell of 165mm dia and having the declared duty conditions as detailed below and satisfying performance Characteristics for pump and motor as declared by the bureau of indian stand. the pumpset should conform to IS : 8034-1989 (With all its latest amendments) and Should bear ISI Certification mark IS : 8034-1989 Sub mercible pumpset 15HP/11 KW 35 stage Texmo/Taro or equalents Brands	Mtrs	0.00	0.00	2.00	74529.72	149059.00	2.00	149059.00	
14	Providing and fixing of 50mm G.I pipe 'B' class heavy duty for erection of submersible pumpset galvanised tube 50mm supply ad delivary of cause heavy duty as per IS/239/1990	Mtr	0.00	0.00	600.00	563.45	338070.00	600.00	338070.00	
15	Providing 175 mm dia MS Collar	Each	0.00	0.00	100.00	220.10	22010.00	100.00	22010.00	
16	Supplying and Drawing 3 core Flat PVC Shalted Submersible Pump Cable Manufactured with Electrolytic Grade Copper with Flexible copper conductor to table 3 class 5 of IS 8130-1984 and Virgen PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts	Mtr	0.00	0.00	640.00	219.22	140301.00	640.00	140301.00	

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17	Supplying and delivery at site brand new star / Essen / Lotus / Sun shines / Adharsh / GK Controls best indigenous make combined energy meter cum control panel board unit of size 1200x600x350mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for opration on 3ph, 50 hz, 380/440 volts, AC supply with spring loaded latch, locking device with a key ribs should be provided inside the door canopy apron and louvers ventilators shall be provided the combined energy meter cum control panel board unit suitable for operation on 3ph, 50 hz, 380/440 volts AC supply shall be consists etc., complete the panel board shall be consist etc., complete the panel board shall be fabricated on single unit in the above componenets panel board for suitable pumpset with star delta staretr out door type 10hp to 15 hp	Sq-cm	0.00	0.00	2.00	15365.36	30731.00	2.00	30731.00	
18	Fabricating Supplying and mounting MS Box of 16 SWG suitable for floor/ wall mounting fully weather proof with provision for better hear description, 9Providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamp with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 Sq cm	No	0.00	0.00	44000.00	0.43	18920.00	44000.00	18920.00	
19	Providing & Fixing of Clamps set and Borewell cap to the pump 9MR	No	0.00	0.00	2.00	1980.89	3962.00	2.00	3962.00	
20	Supplying and fixing 50mm Non Return Vavle of vertical type of approved make including cost of all materials labour HOM of equipment with all leads Complete as per Specifcation	No	0.00	0.00	2.00	1219.89	2440.00	2.00	2440.00	
21	Supplying and fixing 50mm GM Gate Vavle	No	0.00	0.00	2.00	1235.46	2471.00	2.00	2471.00	
22	Providing & Fixing of 50mm GI Short bend to motor	No	0.00	0.00	2.00	243.98	488.00	2.00	488.00	
23	Supplying and fixing 50mm GI Union	No	0.00	0.00	2.00	181.69	363.00	2.00	363.00	
24	Supplying and fixing 50mm GI Elbow	Each	0.00	0.00	2.00	181.69	363.00	2.00	363.00	
25	Labour charges for Errection ,Electrification and commissiong of Pumpsets, including aligning and balancing of all items including supply and errection of two pair of supporting clamps bore well caps cable clips and water tieght gland cable protectors bolts nuts, valve and guages ,tools and equipments etc complete	job	0.00	0.00	2.00	6041.80	12084.00	2.00	12084.00	

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26	Erection of combined panel board and meter unit with necessary materials and labour including providing cement concrete foundation bed cont door type etc., complete	job	0.00	0.00	2.00	1205.15	2410.00	2.00	2410.00	
27	Supplying and fixing miniature Circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required	Each	0.00	0.00	2.00	1428.65	2857.00	2.00	2857.00	
28	Supplying and laying of L.T.U.G Cable having aluminium conductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 K V class 4 crore 16 sqmm cable 9Confirming to IS 1554)	Mtr	0.00	0.00	70.00	1428.65	100006.00	70.00	100006.00	
29	Digging of trench of 0.6m deep x 0.5m wide refilling the trench to the required level and consolidating etc., complete	Mtr	0.00	0.00	70.00	81.27	5689.00	70.00	5689.00	
30	Supplying and fixing class A GI pipe on pole/Wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm	Mtr	0.00	0.00	6.00	358.23	2149.00	6.00	2149.00	
31	Supplying, fixing, wiring earth electrode for grounding conduits, LC cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.50m long buried in a pit. The pit should be filled with equal proportion of solt and charcoal 150mm alround the pipe to complete depth. the connection from the pipe to the conduct etc., is to be established through GI wire of size as per ISI specifications 7.3.3 IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 throught holes of 122mm dia	NO	0.00	0.00	2.00	3884.93	7770.00	2.00	7770.00	
32	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmm UG cable filled with neccesary bitumen / insulating compound complete with termiinalas, clamps, bolts, nuts, washers etc.,	KVAR	0.00	0.00	2.00	531.46	1063.00	2.00	1063.00	
33	Supoplying Shunt capacitor's comfirming to IS 2834, 3phase 400/440 volts grade for power factor improvement of roating machinery capacitor in KVAR rating Nos	Each	0.00	0.00	2.00	427.74	855.00	2.00	855.00	
34	Supplying and fixing of polished wood board made up not less than 15mm thick plank in both side with plank made out on not more than 2 piecess and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20x20x2.5 inches	Each	0.00	0.00	2.00	312.25	625.00	2.00	625.00	

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35	Earthwork excavation for foundation of buildings water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	CUM	0.00	0.00	88.29	329.05	29052.00	88.29	29052.00	
36	Providing and fixing Chlorinated Polyvenyl Chloride (CPVC) Pipes conforming to IS 15887 having thermal stability for hot and cold water supply including all CPVCplain and brass threaded fittings this includes jointing of pipes and fittings with one step solvent cement ,trenching ,refilling and testing of joints etc complete	RMTR	0.00	0.00	130.80	475.41	62184.00	130.80	62184.00	
37	Providing and laying ,spreading and compacting stone aggregates of granite/trap/basalt to wet mix macadam specification including pre mixing the materiols with water at OMC in mechanical mix plant carriage of mixed method of tipper to site laying in uniform layers with paver in sub base /base course on well prepared surface and compacting with vibratory roller etc complete	cum	0.00	0.00	44.14	221.20	9764.00	44.14	9764.00	
38	KSRRB M2100-10 : Providing and laying plain cement concrete of mix 1:3:6 with OPC @220kgs with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @0.46cum in foundation mechanically mixed placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labor, HOM curing, form works, scaffolding and centering complete as per specification.	cum	0.00	0.00	9.81	2077.73	20383.00	9.81	20383.00	

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39	*pavement: Construction* of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as clause 1051.2.2 design mix M20/M30, with 25mm and down size graded granite metal coarse aggregates and fine aggregates with super plasticizer @3lts confirming to IS9103-1999 Reaffirmed-2008 mixed in a concrete mixer of not less than 0.6cum capacity and appropriate weigh batcher as per approved mix design laid in approved fixed side from work(steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specification.	CUM	0.00	0.00	14.72	5719.79	84195.00	14.72	84195.00	
40	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m including cost of all labour complete as specifications.. allow 60% of rate considered under item	Cum	0.00	0.00	14.72	5558.54	81822.00	14.72	81822.00	
		Total							1750757.00	
		TOTAL							1750757.00	
		ADD 12% GST							210091.00	
		NET AMOUNT PAYABLE OF RS							1960848.00	

Certificate:-

1 .The contractor has executed the work satiesfactory Hence the bill is Recommended for payments

2 . The contractor has cleared all the Debries from work spot.

3 .works comes under BBMP Limit.

Contractor

Hemanth Kumar

Assistant Engineer
Ward No -13
BBMP

Assistant Executive Engineer
Shetti halli Sub division
BBMP

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